

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 3-6 and 9-12 have been amended and claims 13-20 have been added as follows:

Listing of Claims:

Claim 1 (original): A corrosion-resistant aluminum conductive material comprising an aluminum material consisting of aluminum or an aluminum alloy and a conductive film formed on the surface of said aluminum material wherein defects in the conductive film are substantially sealed off by a hot water treatment or a steam treatment.

Claim 2 (original): A corrosion-resistant aluminum conductive material as described in claim 1 wherein the conductive film is formed by any one of plating, flame spraying, electrophoresis and coating.

Claim 3 (currently amended): A corrosion-resistant aluminum conductive material as described in claim 1 [[or 2]] wherein the conductive film has a thickness of 5 µm or less.

Claim 4 (currently amended): A corrosion-resistant aluminum conductive material as described in ~~any one of claims 1-3~~ claim 1 wherein the hot water treatment or the steam treatment is performed by using water of 70°C or above.

Claim 5 (currently amended): A corrosion-resistant aluminum conductive material as described in ~~any one of claims 1-4~~ claim 1 wherein the hot water treatment or the steam treatment is performed by using water showing a pH in the range of 3-12 at 25°C.

Claim 6 (currently amended): A corrosion-resistant aluminum conductive material as described in ~~any one of claims 1-5~~ claim 1 wherein the hot water treatment or the steam treatment is performed by using water showing a phosphate ion concentration of 25 ppm or less as phosphorus and a silicate ion concentration of 25 ppm or less as silicon.

Claim 7 (original): A process for producing a corrosion-resistant aluminum conductive material comprising an aluminum material consisting of aluminum or an aluminum alloy and a conductive film formed on the surface of said aluminum material which comprises forming a conductive film on the surface of an aluminum material and then subjecting to a hot water treatment or a steam treatment thereby substantially sealing off defects in the conductive film.

Claim 8 (original): A process for producing a corrosion-resistant aluminum conductive material as described in claim 7 wherein the conductive film is formed by any one of plating, flame spraying, electrophoresis and coating.

Claim 9 (currently amended): A process for producing a corrosion-resistant aluminum conductive material as described in claim 7 [[or 8]] wherein the conductive film has a thickness of 5 μm or less.

Claim 10 (currently amended): A process for producing a corrosion-resistant aluminum conductive material as described in ~~any one of claims 7-9~~ claim 7 wherein the hot water treatment or the steam treatment is performed by using water of 70°C or above.

Claim 11 (currently amended): A process for producing a corrosion-resistant aluminum conductive material as described in ~~any one of claims 7-10~~ claim 7 wherein the hot water treatment or the steam treatment is performed by using water showing a pH in the range of 3-12 at 25°C.

Claim 12 (currently amended): A process for producing a corrosion-resistant aluminum conductive material as described in ~~any one of claims 7-11~~ claim 7 wherein the hot water treatment or the steam treatment is performed by using water showing a phosphate ion concentration of 25 ppm or less as phosphorus and a silicate ion concentration of 25 ppm or less as silicon.

Claim 13 (new): A corrosion-resistant aluminum conductive material as described in claim 2 wherein the conductive film has a thickness of 5 μm or less.

Claim 14 (new): A corrosion-resistant aluminum conductive material as described in claim 2 wherein the hot water treatment or the steam treatment is performed by using water of 70°C or above.

Claim 15 (new): A corrosion-resistant aluminum conductive material as described in claim 2 wherein the hot water treatment or the steam treatment is performed by using water showing a pH in the range of 3-12 at 25°C.

Claim 16 (new): A corrosion-resistant aluminum conductive material as described in claim 2 wherein the hot water treatment or the steam treatment is performed by using water showing a phosphate ion concentration of 25 ppm or less as phosphorus and a silicate ion concentration of 25 ppm or less as silicon.

Claim 17 (new): A process for producing a corrosion-resistant aluminum conductive material as described in claim 8 wherein the conductive film has a thickness of 5 μm or less.

Claim 18 (new): A process for producing a corrosion-resistant aluminum conductive material as described in claim 8 wherein the hot water treatment or the steam treatment is performed by using water of 70°C or above.

Claim 19 (new): A process for producing a corrosion-resistant aluminum conductive material as described in claim 8 wherein the hot water treatment or the steam treatment is performed by using water showing a pH in the range of 3-12 at 25°C.

Claim 20 (new): A process for producing a corrosion-resistant aluminum conductive material as described in claim 8 wherein the hot water treatment or the steam treatment is performed by using water showing a phosphate ion concentration of 25 ppm or less as phosphorus and a silicate ion concentration of 25 ppm or less as silicon.